

No.	Document ID	Issue Date	Pages	Title	Current OR Current RX		Antireflect	Invention	C	C	C	C	C
					360/39	360/45							
1.	US 20040190172	20040930	13	Device and signal processing circuit for Magnetoresistive element...magnetic head	360/314	360/324.11		Sawaguchi, Hideki et.al.	□	□	□	□	□
2.	US 20040114280	20040617		Thin film magnetic head...method of manufac	360/313			Yoshikawa, Masatoshi et.al.	□	□	□	□	□
3.	US 20030193756	20031016		MR heads thermal asperity...cancellation	360/25	360/31; 360/53		Kudo, Yoshihiro et.al.	□	□	□	□	□
4.	US 20030184897	20030703		Magnetic sensor using magnetoresistive...effect	360/314	148/108; 29/603.08		Erden, Mehmet F. et.al.	□	□	□	□	□
5.	US 20030123198	20030116		Magnetic head and magnetic reproducing appa	360/321			Sugawara, Nobuhiro et.al.	□	□	□	□	□
6.	US 20030011940	20021212		Method and coding apparatus...using low den	714/755			Tateyama, Kohichi et.al.	□	□	□	□	□
7.	US 20020188906	20020725		Current perpendicular to plane type magnetore	360/324.1	360/322		Kurtas, Ercan M. et.al.	□	□	□	□	□
8.	US 20020097533	20020523		Apparatus, signal...processing circuit	360/46			Funayama, Tomomi et.al.	□	□	□	□	□
9.	US 20020060869	20020228		Magnetic recording head...a magnetic reprodu	360/318.1			Sawaguchi, Hideki et.al.	□	□	□	□	□
10.	US 20020024777	20020214		Dual pseudo spin valve heads	360/314			Funayama, Tomomi et.al.	□	□	□	□	□
11.	US 20020018323	20020131		Device and signal processing circuit for	360/46	360/53		Li, Shaoping et.al.	□	□	□	□	□
12.	US 20020012185	20010622		MR heads thermal asperity...cancellation	360/25; 360/53			Sawaguchi, Hideki et.al.	□	□	□	□	□
13.	US 6754015	20040525		Data recording/reproducing s	360/45	360/53; 360/65		Erden, Mehmet F. et.al.	□	□	□	□	□
14.	US 6741412	20040504		Dual pseudo spin valve heads	360/314			Sawaguchi, Hideki et.al.	□	□	□	□	□
15.	US 6731473	19981013		Current perpendicular to plane type magnetore	360/324.1			Li, Shaoping et.al.	□	□	□	□	□
16.	US 6724582	19980915		Hard disk drive having contact write and recess	360/237.1			Funayama, Tomomi et.al.	□	□	□	□	□
17.	US 5909340	19980601		Hard disk drive having contact write and recess	360/234.7	360/235.4; 360/236.1;		Lairson, Bruce M. et.al.	□	□	□	□	□
18.	US 5822153	19980915		Near field recording and reproducing apparatus	369/14	369/126		Tanaka, Yoichiro et.al.	□	□	□	□	□
19.	US 5808973	19980505		Method of making magnetoresistive sensor	29/603.08	29/603.14; 29/603.15;		Aboaf, Joseph Adam et.al.	□	□	□	□	□
20.	US 5745978	19980203		Hard-film stabilized soft-film biased magnet	29/603.08	29/603.13; 29/603.14		Aboaf, Joseph Adam et.al.	□	□	□	□	□

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Serial No.	Document No.	Issue Date	Patent No.	Title	Current Class	Original Class	Inventor(s)	Co-Applicant(s)
1	P US 20040190172	20040930	13	Device and signal processing_circuit for Magnetoresistive element...magnetic head	360/39	360/45	Sawaguchi, Hideki et al.	□ □ □ □ □
2	P US 20040114280	20040617		Thin film magnetic head...method...of...manufacture	360/314	360/324.11	Yoshikawa, Masatoshi et.al.	□ □ □ □ □
3	P US 20030193756	20031016		Thin film magnetic head...method...of...manufacture	360/313		Kudo, Yoshihiro et.al.	□ □ □ □ □
4	P US 20030184897	20031002		MR heads thermal asperity...cancellation	360/25	360/31; 360/53; 148/108; 29/603.08	Erden, Mehmet F. et.al.	□ □ □ □ □
5	P US 20030123198	20030703		Magnetic sensor using magneto-resistive effect	360/314		Sugawara, Nobuhiro et.al.	□ □ □ □ □
6	P US 200301116	20030116		Magnetic head and magnetic...reproducing...apparatus	360/321		Tateyama, Kohichi et.al.	□ □ □ □ □
7	P US 20021212	20021212		Method and coding apparatus...using...low density	714/755		Kurtas, Erozan M. et.al.	□ □ □ □ □
8	P US 20020188906	20020725		Current perpendicular to...plane...type...magnetoresistive heads	360/324.1	360/322	Funayama, Tomomi et.al.	□ □ □ □ □
9	P US 20020097533	20020523		Apparatus, signal...processing...circuit	360/46		Sawaguchi, Hideki et.al.	□ □ □ □ □
10	P US 20020060869	20020228		Magnetic recording head...a...magnetic...reproducing	360/318.1		Funayama, Tomomi et.al.	□ □ □ □ □
11	P US 2002024777	20020214		Dual pseudo spin valve heads	360/314		Li, Shaoping et al.	□ □ □ □ □
12	P US 20020018323	20020131		Device and signal processing_circuit_for	360/46	360/53	Sawaguchi, Hideki et.al.	□ □ □ □ □
13	P US 6754015	20040622	B2	MR heads thermal asperity...cancellation	360/25	360/51; 360/53	Erden; Mehmet F. et.al.	□ □ □ □ □
14	P US 6741412	20040525	B2	Data recording/reproducing...heads	360/45	360/53; 360/65	Sawaguchi; Hideki et.al.	□ □ □ □ □
15	P US 6731473	20040504	B2	Dual pseudo spin valve	360/314		Li, Shaoping et al.	□ □ □ □ □
16	P US 6724582	20040420	B2	Current perpendicular to...plane...type...magnetoresistive heads	360/324.1		Funayama; Tomomi et.al.	□ □ □ □ □
17	P US 5909340	19990601		Hard disk drive having contact...write...and...recess	360/237.1		Lairson; Bruce M. et.al.	□ □ □ □ □
18	P US 5822153	19981013	A	Hard disk drive having contact...write...and...recess	360/234.7	360/235.4; 360/236.1;	Lairson; Bruce M. et.al.	□ □ □ □ □
19	P US 5808973	19980915	A	Near field recording and...reproducing...apparatus	369/14	369/126	Tanaka; Yoichiro et.al.	□ □ □ □ □
20	P US 5745978	19980505	A	Method of making magnetoresistive sensor	29/603.08	29/603.14; 29/603.15;	Aboaf; Joseph Adam et.al.	□ □ □ □ □
21	P US 5713122	19980203	A	Hard-film stabilized soft-film biased magnet	29/603.08	29/603.13; 29/603.14;	Aboaf; Joseph Adam et.al.	□ □ □ □ □
22	P US 5530608	19960625	A	Hard-film stabilized soft-film biased magnet	360/316		Aboaf; Joseph A. et.al.	□ □ □ □ □

